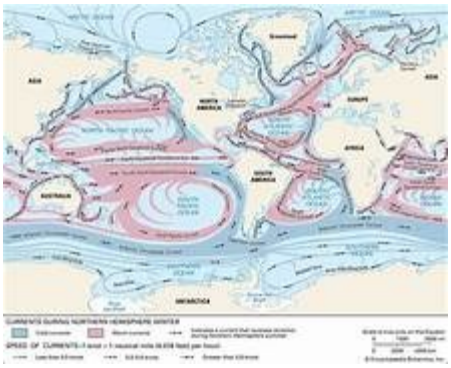
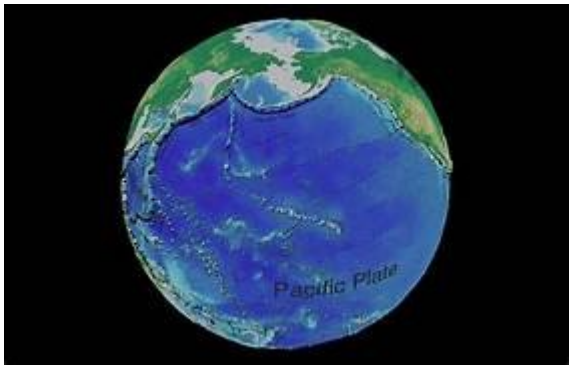
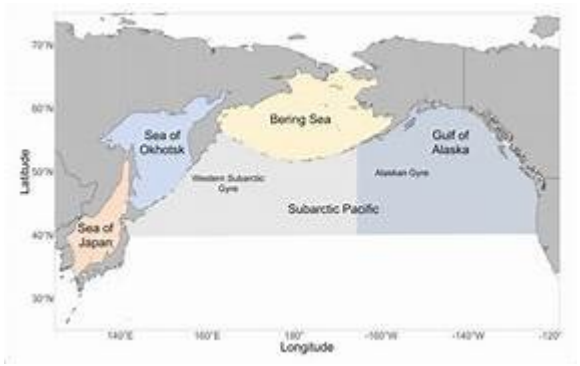
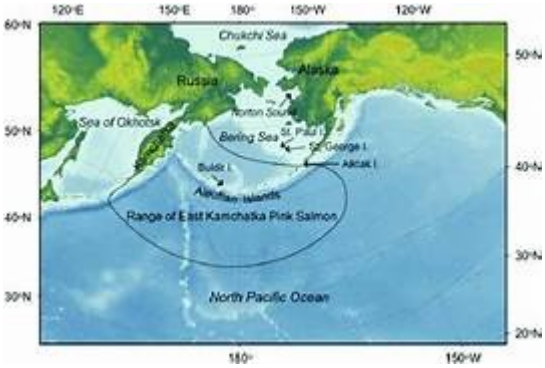
Ryan Padraig Kelly North Pacific Ocean



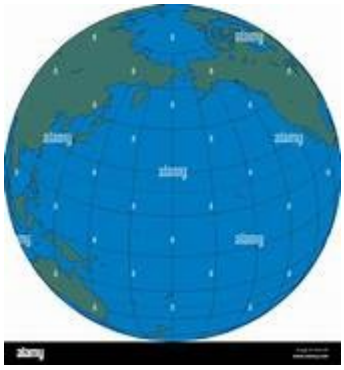
Pacific Ocean
North America
South America
Australia


Pacific Plate


Sea of Okhotsk
Bering Sea
Gulf of Alaska
Alaskan Gyre
Western Subarctic Gyre
Subarctic Pacific
Sea of Japan
Latitude
Longitude


Chukchi Sea
Russia
Alaska
Sea of Okhotsk
Bering Sea
St. Paul I.
St. George I.
Attuk I.
Bulldir I.
Aleutian Islands
Range of East Kamchatka Pink Salmon
North Pacific Ocean

alamy


alamy

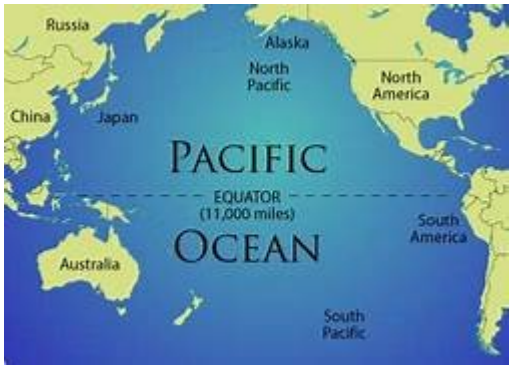
PACIFIC OCEAN

La Perouse Strait
Bering Strait
Korea Strait
Tsugaru Strait
Luzon Strait
NORTH PACIFIC OCEAN
Taiwan Strait
Challenger Deep
Panama Canal
Singapore Strait
Torres Strait
SOUTH PACIFIC OCEAN

KAMCHATKA PENINSULA
ALASKA PENINSULA
ASIA
SAKHALIN
Cold Zone
NORTH AMERICA
HOKKAIDO
JAPAN
HONSHU
HAWAIIAN ISLANDS
Hawaii
PHILIPPINES
CENTRAL AMERICA
MARSHALL ISANDS

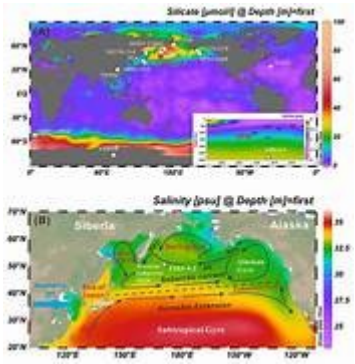
PACIFIC
ISLANDS
Australia

PACIFIC
OCEAN
OCEANIA

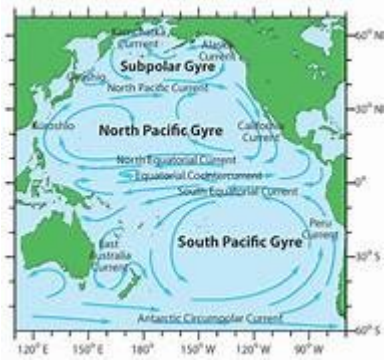

Russia
Alaska
North
Pacific
North
America
China
Japan
PACIFIC
EQUATOR
(11,000 miles)
OCEAN
South
America
Australia
South
Pacific

Pacific Ocean

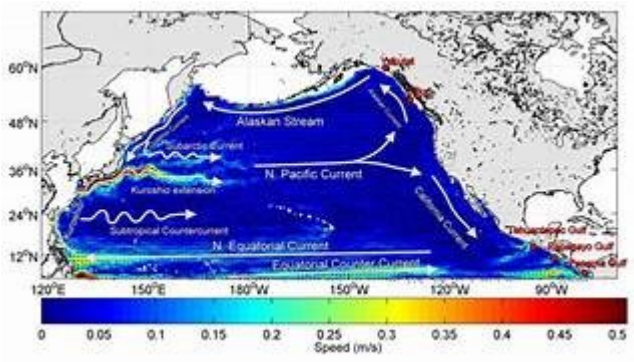
North Pacific
Ocean
Mariana
Trench
South Pacific
Ocean


Silicate [umol/l] @ Depth [m/fms]
(A)
Salinity [psu] @ Depth [m/fms]
(B)
Siberia
Alaska

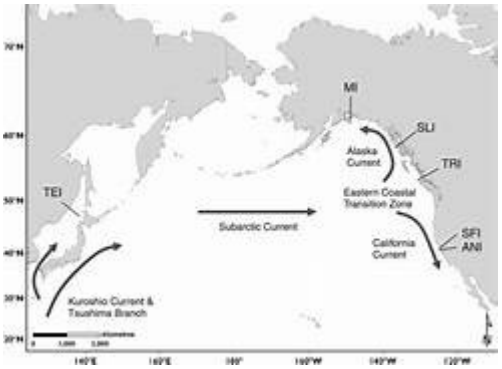
ARCTIC OCEAN
ASIA
EUROPE
NORTH
AMERICA
AFRICA
SOUTH
AMERICA
AUSTRALIA
ANTARCTIC

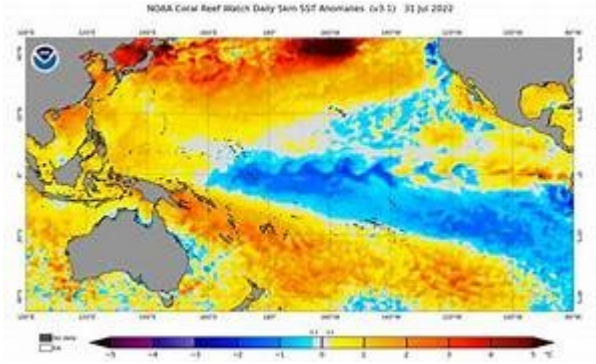

Subpolar Gyre
North Pacific Gyre
South Pacific Gyre
North Pacific Current
North Equatorial Current
Equatorial Countercurrent
South Equatorial Current
Peru Current
East Australia Current
Antarctic Circumpolar Current
60° N
30° N
0°
30° S
60° S
120° E
150° E
180°
150° W
120° W
90° W

Asia
North America
Pacific Ocean
Oceania

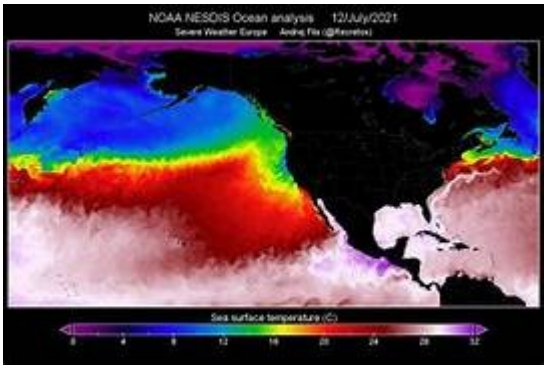

Alaskan Stream
N. Pacific Current
Kuroshio extension
Subtropical Countercurrent
N. Equatorial Current
Equatorial Countercurrent
60°N
48°N
36°N
24°N
12°N
120°E
150°E
180°W
150°W
120°W
90°W
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
Speed (m/s)

dreamstime.com
ID 3196338 © Indiansummer


MI
SLI
Alaska Current
TRI
TEI
Eastern Coastal Transition Zone
Subarctic Current
SFI
ANI
California Current
Kuroshio Current & Tsushima Branch

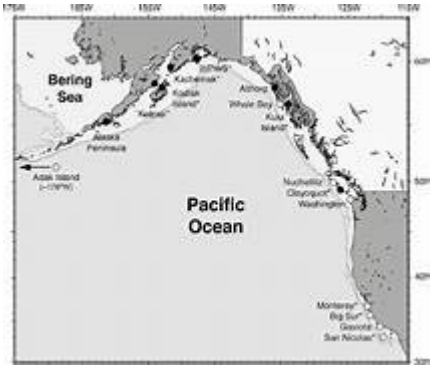

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 31 Jul 2022

www.oceanblueproject.org


NOAA NESDIS Ocean analysis 12/July/2021
Severe Weather Europe
Sea surface temperature (C)

ASIA
NORTH AMERICA
PACIFIC
OCEAN
SOUTH AMERICA
AUSTRALIA
The Pacific Ocean is located
western coast of the U.S

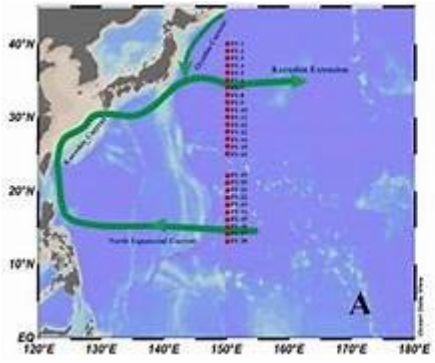
NORTH PACIFIC
KUROSHIO
CONVERGENCE ZONE
CALIFORNIA
Hawaiian Archipelago
NORTH EQUATORIAL

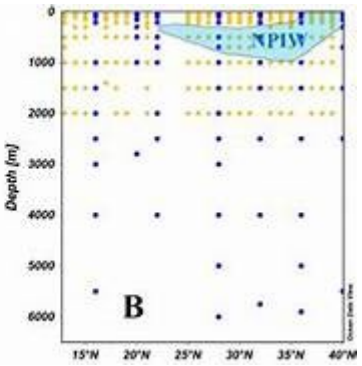

Bering Sea
Pacific Ocean

Pacific Ocean

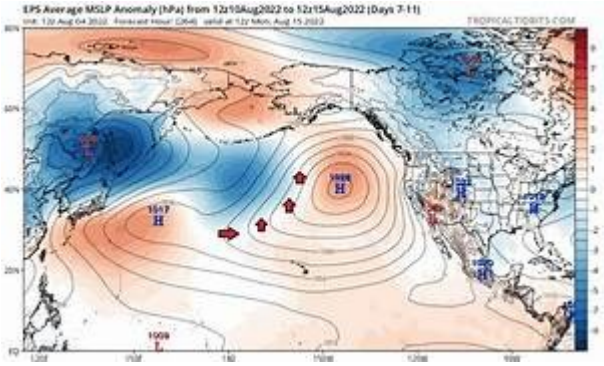
Arctic Ocean
North Pacific Ocean

Bering Sea
Alaska
Alaskan Stream
Subarctic Current
North Pacific
Kuroshio
California
North Equatorial
Equatorial Countercurrent

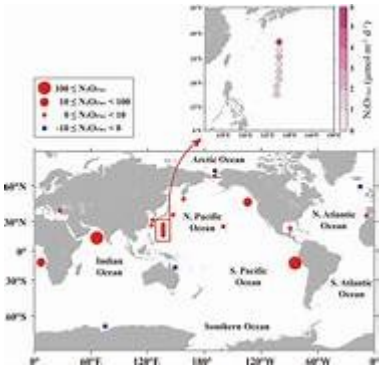

40°N
30°N
20°N
10°N
EQ
120°E
130°E
140°E
150°E
160°E
170°E
180°E
A


NPIW
Depth (m)
0
1000
2000
3000
4000
5000
6000
15°N
20°N
25°N
30°N
35°N
40°N
B

R U S S I A
CHINA
JAPAN
NORTH PACIFIC OCEAN


EPS Average MSLP Anomaly (hPa) from 12z10Aug2022 to 12z15Aug2022 (Days 7-11)
TROPICALTIDBITS.COM

Warm Current
Cold Current
Oyashio Current
Alaska Current
Kuroshio Current
California Current
North Equatorial Current
Equatorial Counter Current
Recorded by


Arctic Ocean
N. Pacific Ocean
N. Atlantic Ocean
Indian Ocean
S. Pacific Ocean
S. Atlantic Ocean
Southern Ocean
60°N
30°N
0°
30°S
60°S

PACIFIC OCEAN

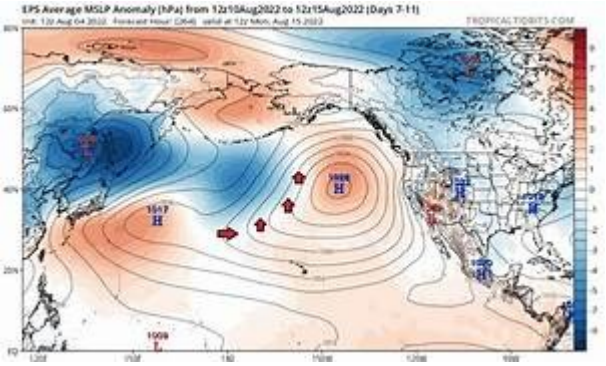
ARCTIC OCEAN
Alaska
CHUKCHI SEA
Siberia
RUSSIA
Bering Strait
UNITED STATES
Chukchi Peninsula
Seward Peninsula
BERING SEA
Gulf of Anadyr
Norton Sound
NORTH PACIFIC OCEAN
Alaska

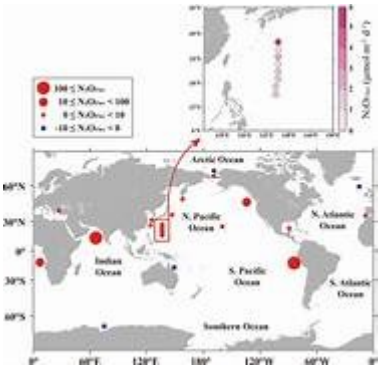
RUSSIA
CHINA
JAPAN
NORTH PACIFIC OCEAN

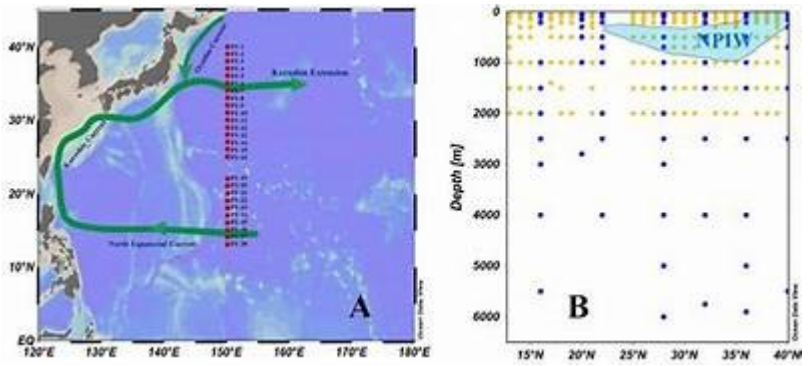
PACIFIC ISLANDS
Australia

PACIFIC OCEAN

NORTH PACIFIC OCEAN
SOUTH PACIFIC OCEAN


EPS Average MSLP Anomaly (hPa) from 12z10Aug2022 to 12z15Aug2022 (Days 7-11)
TROPICALTIDBITS.COM
1017
1008
1008
1009


Arctic Ocean
N. Pacific Ocean
N. Atlantic Ocean
Indian Ocean
S. Pacific Ocean
S. Atlantic Ocean
Southern Ocean


40°N
30°N
20°N
10°N
EQ
120°E
130°E
140°E
150°E
160°E
170°E
180°E
A
Depth (m)
0
1000
2000
3000
4000
5000
6000
NPIW
B
15°N
20°N
25°N
30°N
35°N
40°N